

## I-STEM Software Request - Guide Approval Form

### User Details

- **Name of Researcher:** Haripriya M S
- **User Type:** [ ✓ ] Ph.D. Scholar
- **Institution Name:** Manipal Institute of Applied Physics
- **Institutional Contact No:** 0820-2925071

**Research Topic:** Laser-Based Techniques for Micro and Nanoplastics: Preparation, Characterization, and Environmental Mitigation

### Software Request Details

- **Software Name:** COMSOL Multiphysics
- **Justification for Software Request:** Laser-based techniques for the preparation of micro and nanoplastics. The software enables advanced multiphysics simulations that are critical for modeling laser-material interactions, heat transfer, optical absorption, and fluid dynamics involved in the formation and behaviour of micro and nanoplastics.

### Guide/Supervisor Approval

I, Dr Unnikrishnan V K,

- Confirm that the above-mentioned researcher is affiliated with our institution
- Have reviewed the software request and its relevance to the researcher's academic work
- Approve the software request for research purposes

### Approval Confirmation

- I approve the software request
- The software aligns with the researcher's research objectives
- The request meets the institutional research guidelines

**Guide/Supervisor Signature:**

**Date:**

**Official Stamp/Seal:**

### Important Notes

1. This form must be signed and scanned
2. The scanned copy must be uploaded with the software request
3. Electronic signatures are acceptable if from an official institutional email